

WHAT IS CLAIMED IS:

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1. A data recording and/or reproducing apparatus comprising:
- recording and/or reproducing means for recording and/or reproducing data inclusive of video data and audio data on a non-linear-accessible recording medium;
  - at least one input processing means for processing and outputting data inputted from outside and for processing and outputting to outside the data outputted from said recording and/or reproducing means; and
  - at least one output processing means for processing and outputting the data outputted by said recording and/or reproducing means;
  - said input processing means and the output processing means time-divisionally accessing said recording and/or reproducing means respectively to input and output data;
  - the apparatus further comprising:
  - switching means for being fed with said data outputted from said input processing means and the output processing means for selectively outputting the input data to said input processing means and the output processing means; and
  - control means for controlling at least one of said input processing means, output processing means and the switching means to perform the processing specified by a control command commanding a pre-set editing mode if said control command is inputted.
2. The data recording and/or reproducing apparatus according to claim 1

wherein

said input processing means and the output processing means each having first and second selection means;

said first selection means being fed as inputs with said data inputted from outside and said data outputted from said switching means so that one of these data is outputted from said control means;

said second selection means being fed with said data reproduced from the recording and/or reproducing means and said data outputted from said switching means so that one of said data is outputted under control by said control means.

3. The data recording and/or reproducing apparatus according to claim 2 further comprising:

external reproducing means;

said control means performing control so that, when a control command specifying said pre-set editing mode is inputted, the data reproduced from the external reproducing means is inputted to said input processing means and outputted to said switching means, while the data inputted to said switching means is outputted to said output processing means.

4. The data recording and/or reproducing apparatus according to claim 3

wherein

said control means controls said input processing means so that said data outputted by said switching means will be selectively outputted by said first selection

means so as to be re-recorded by said recording and/or reproducing means.

5. The data recording and/or reproducing apparatus according to claim 3

wherein

said control means controls said output processing means so that, when the data outputted by said switching means is outputted to outside, the data is selectively outputted from said second selection means.

6. The data recording and/or reproducing apparatus according to claim 2 further comprising:

external reproducing means;

said control means on reception of a control command specifying said pre-set editing mode controlling said output processing means so that the data recorded on the recording medium will be outputted from said output processing means, said control means also controlling the input processing means, output processing means and the switching means so that the reproduced data reproduced from a pre-set first editing point will be inputted from the input processing means to said switching means and further outputted from said switching means to said output processing means and from said second selection means, the data recorded on the recording medium being outputted from a pre-set second editing point from the output processing means.

7. The data recording and/or reproducing apparatus according to claim 2 further comprising:

external reproducing means;



recording and/or reproducing means to output the processed data to outside,

said input processing means and the output processing means time-divisionally accessing said recording and/or reproducing means respectively to input and output data; said method comprising:

a first step of receiving, as input, a control command specifying a pre-set editing mode;

a second step of specifying said input processing means and the output processing means as processing means for executing said control command;

a third step of outputting, from the specified output processing means, said data fed to said specified input processing means as input and reproduced from said recording and/or reproducing means from the editing point information up to a first editing point;

a fourth step of outputting said data, inputted to said input processing means, to said switching means connected between said input processing means and the output processing means, for a domain from said first editing point to a second editing point, and of outputting said data from said switching means to said specified output processing means;

a fifth step of outputting the data outputted at said fourth step to outside; and

a sixth step of outputting said data reproduced from said recording and/or reproducing means from said second editing step from said output processing means.

9. A data recording and/or reproducing method for recording and/or reproducing data

using a data recording and/or reproducing apparatus comprising:

recording and/or reproducing means for recording and/or reproducing data inclusive of video data and audio data on a non-linear-accessible recording medium;

at least one input processing means for processing data inputted from outside and for outputting the processed data to said recording and/or reproducing means; and

at least one output processing means for processing the data reproduced by said recording and/or reproducing means to output the processed data to outside,

said input processing means and the output processing means time-divisionally accessing said recording and/or reproducing means respectively to input and output data; said method comprising:

a first step of receiving, as input, a control command specifying a pre-set editing mode;

a second step of specifying said input processing means and the output processing means as processing means for executing said control command;

a third step of outputting said data, fed to said specified input processing means and inputted to said input processing means, up to a first editing point from the editing point information, to said switching means connected between the input processing means and the output processing means, outputting the data by said switching means to said specified output processing means and of outputting the data from said output processing means;

a fourth step of outputting said data, reproduced from said recording and/or

reproducing means, from said first editing point to a second editing point, from the specified output processing means; and

a fifth step of outputting from said second editing point said data, inputted to said specified input processing means, to said switching means connected between the input processing means and the output processing means, outputting the data by said switching means to said specified output processing means and of outputting the data from said output processing means.

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